

XP-002078573

1/1 - (C) WPI / DERWENT
AN - 93-261590 ç33!
AP - JP910318652 911107
PR - JP910308446 911028
TI - Interleukin 1 and 6 prodn. inhibitors - contain
4H-1-benzo:pyran-4-one derivs. for treating and
preventing agents for diseases caused by production
abnormality e.g. hepatitis, psoriasis etc.
IW - INTERLEUKIN PRODUCE INHIBIT CONTAIN BENZO PYRAN ONE
DERIVATIVE TREAT PREVENT AGENT DISEASE CAUSE PRODUCE
ABNORMAL HEPATO PSORIASIS
PA - (TOYA) TOYAMA CHEM CO LTD
PN - JP5178745 A 930720 DW9333 A61K31/35 010pp
ORD - 1993-07-20
IC - A61K31/35 ; A61K31/44 ; C07D311/22
FS - CPI
DC - B02
AB - J05178745 Interleukin 1 and 6 production inhibitors
contain 4H-1-benzopyran-4-one derivs. of formula (I) or
their salts as effective component. R1= lower
(halo)alkyl, lower alkenyl, aryl; R2= H, alkyl, acyl;
R3= H, halo, cyano, N3, CO2H, OH, CHO, alkoxycabronyl
(substd.)alkyl, alkoxy, PhO, cycloalkyl, H2NCO, NH2,
Ph; R4= H, halo, NO2, cyano, CO2, acyl, OH,
alkoxycarbonyl, (substd.)alkyl, alkyl, alkoxy,
alkylthio, PhS, lower alkynyl, lower alkenyl, H2NSO2,
alkylsulphiny, amidino, Ph, heterocyclic, di- or
monosubstd. amino, di- or monosubstd. aminocarbonyl;
R5= (un)substd. Ph, thienyl, furyl, pyridyl; Z= O, S,
NH; broken line= single or double bond.
- USE/ADVANTAGE - Agents contg. (I) and their salts are
useful as agents with low toxicity in the treatment and
prevention diffuse collagen disease, idiopathic
ulcerative colitis, active chronic hepatitis,
glomerulonephritis, arthritis deformans, gout,
autoimmune haemolytic anaemia, atherosclerosis,
psoriasis, atopic dermatitis, lung disorders with
granuloma and various kinds of encephalitis.
- In an example, hard gelatin capsules were prepd. in a
conventional manner by mixing 50 mg
2-ethyl-7-methylsulphonylamino-6-phenoxy-4H-1-benzopyr
an-4-one, 114.5 mg lactose, 20 mg corn starch, 2 mg
hydroxypropyl cellulose, 1.5 mg light silicic
anhydride, 10 mg CMC Ca, and 2 mg Mg stearate.
- (Dwg.0/0)